

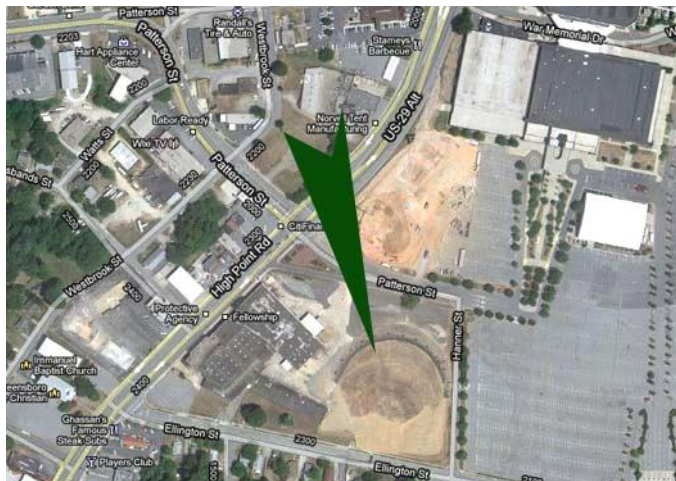


City of Greensboro Project Management Report



Greensboro Aquatic Center
Diving Platforms

GREENSBORO COLISEUM - AMPHITHEATER



District:	1
Designer:	Sutton-Kennerly & Associates
Department:	COL
Dept Contact:	Carl Deckard, Mike Perdue
Reporting Division:	Facilities
Project Manager:	Brandon Hill
Construction Start:	June 2009
Project Completion:	June 2011
Budget:	\$0
Estimated Cost:	\$0
Cost to Date:	\$583,185

Project Description

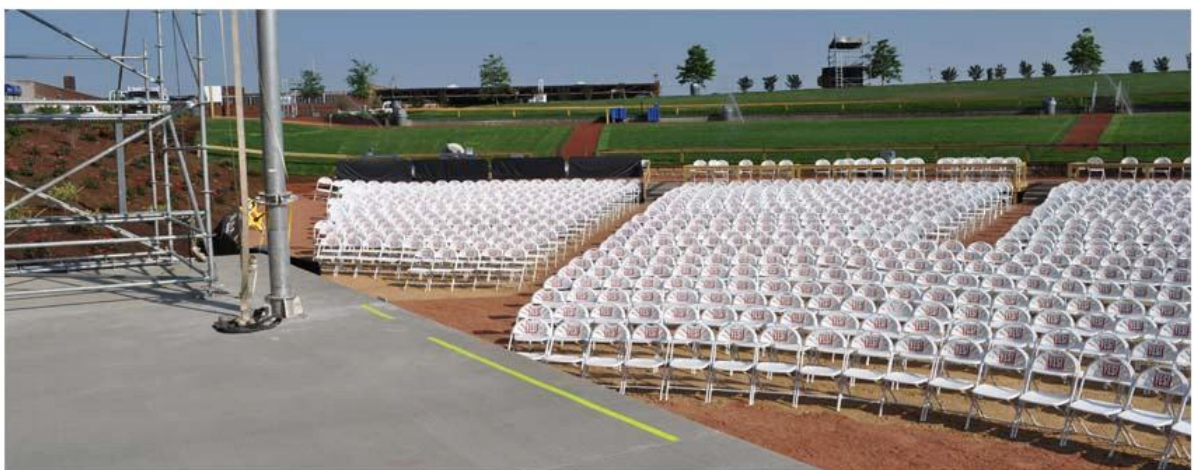
The new Coliseum White Oak Amphitheater approved by City Council will be located on the southern side of the Coliseum Complex property behind the old Canada Dry Building between Ellington Street, Hanner Street, and Patterson Street. This new outdoor amphitheater will seat approximately 7,688 people for outdoor concerts and other public activities.

On April 19 the construction contract was awarded by City Council to R.P. Murray for the final phase of construction, which is the Sound Abatement Wall in the amount of \$360,000.00 The scope of work in this contract includes the construction of the sound abatement wall, loading dock and front stage.

A temporary certificate of occupancy was issued for the first concert held in the venue on June 5th, The contractor mobilized back on the site on June 7th to complete the remainder of the scope of work to complete the project. this work included the placement of permanent anchors in the stage and sound tower riggings. Final grading and paving of the entrance drive and loading dock are will be completed this month. Coliseum staff are working on completing the :Back of House dressing / hospitality rooms and obtain the final inspections for this area.

Budget Comments

No Bond money was used for this project.



AQUATIC CENTER @ GREENSBORO COLISEUM COMPLEX



District:	1
Designer:	TFF Architects
Department:	E & I
Dept Contact:	Jerome Fletcher, Mike Perdue
Reporting Division:	Facilities
Project Manager:	Butch Shumate
Construction Start:	Spring, 2010
Project Completion:	Summer, 2011
Budget:	\$18,875,000
Estimated Cost:	\$18,200,000
Cost to Date:	\$18,873,855

Project Description

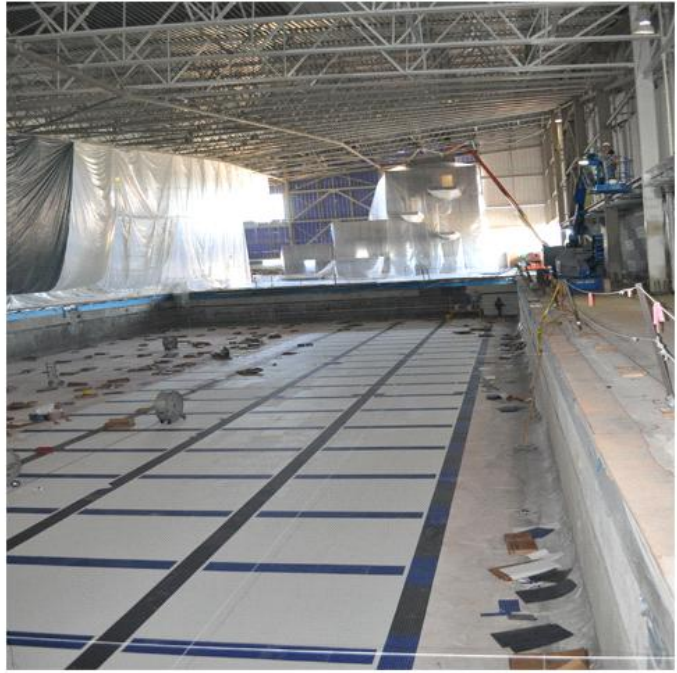
The new Aquatic Center approved by voter Bonds in 2008 will be located on the western side of the Coliseum Complex property at the corner of High Point Road and Patterson Street. This approx. 60,000 square feet swim facility is intended for regional and city swim meets, local team practice and public aquatic activities. The facility will include a 50 meter pool, diving well, warm up pool with spectator seating and amenities.

On December 15 the construction contract was awarded by City Council to Shelco, Inc with \$17,373,961 for the Aquatic Center construction and \$950,000 for the ACC Hall of Champions entrance for a total contract amount of \$18,323,961 with 9% M/WBE participation. The scope of work in this contract includes the construction of the Greensboro Aquatic Center and the renovation of the northwest and southwest exterior façade of the Special Events Center for the new ACC Hall of Champions entrance consisting of metallic and glass panels.

The Hall of Champions is completed and open. At the Aquatic Center sheathing is almost complete on west elevation, south elevation is continuing, the EFIS system is complete on the East & North elevations and following the sheathing on the west side. Finish grading is being completed on the South side in preparation of final landscaping, curb and gutter on the east side along with sidewalks has been placed. The tile in the warm up pool has been completed, workers have started tile in the main competition pool. Sprinkler work is ongoing throughout the building, roof is approx: 99% complete. Tile in the locker rooms and restrooms is 75% complete, painting of the ceiling and roof structure is 45% complete, hand rail installation has started. The curtain wall on the stair tower structure of the dive tower has started and will follow with glass installation.

Budget Comments 2008 Bond & Room Occupancy/Tourism Development Tax

Voters approved \$12,000,000 for the Aquatic Center in November, 2008. The remaining construction amount of \$6,874,961 from the proceeds of the occupancy tax received by the Greensboro/Guilford County Tourism Development Authority was approved on 11/17 and 12/15/2009 by City Council.



ENERGY SAVINGS PERFORMANCE CONTRACT



District:	
Designer:	PEPCO Energy Services
Department:	E & I
Dept Contact:	Walter Simmons
Reporting Division:	Facilities
Project Manager:	Butch Shumate
Construction Start:	February, 2009
Project Completion:	February, 2010
Budget:	\$6,100,000
Estimated Cost:	\$6,075,400
Cost to Date:	\$5,979,400

Project Description

This project will reduce energy consumption through the installation of energy conservation measures in 46 City-owned buildings. Included in this project are new lighting and water saving fixtures, the replacement of ageing HVAC equipment at the MMOB, District 3 Police Station and the Cultural Arts Center and solar water heating systems at 5 Fire Stations and the MMOB.

On January 6 the City Council authorized the execution of a guaranteed energy savings contract with Pepco Energy Services, Inc. in the amount of \$5,923,000.00 with 10% M/WBE participation. All of the improvement measures have been completed.

PHASE II:

PEPCO has worked with staff to identify approximately \$1million worth of additional facility improvement measures. These items include lighting change outs, some additional HVAC upgrades and controls in several buildings. Contract documents are being routed for signatures, a pre-construction meeting is planned for June 17th to kick off the project.

Budget Comments Guaranteed Energy Savings Contract

Potential energy savings are estimated at \$6.5 million over the next 13 years. Monies saved on energy costs will pay for the loan, financing the new equipment and installation.



MMOB- Solar Panels Installation



Fire Station-Solar Panels Installation



Sportsplex- High Bay Fluorescent Lighting



Recreation Centers- High Bay Fluorescent Lighting



MMOB-Chiller Replacement



MMOB-Chiller Installation

FIRE STATION - #57 URBAN LOOP /85/40



District:	1
Designer:	TMA Architects
Department:	FIRE
Dept Contact:	Mike Swails
Reporting Division:	Facilities
Project Manager:	Jerome Williams
Construction Start:	Winter, 2009/10
Project Completion:	May, 2011
Budget:	\$4,560,000
Estimated Cost:	\$4,551,180
Cost to Date:	\$3,672,626

Project Description

Fire Station # 57 is a new station located at 1537-1539 Mt Hope Church Rd. This Fire Station is being built in response to projected growth due to impact of the Urban Loop. The focal point of the service area are the major intersections of I-40, I-85, I-840 and Business I-40 and I-85. The new station is approximately 10,000 square feet. The Fire department is currently responding out of the temporary Fire Station facility.

City Council approved the award of the construction contract for the permanent station to Hodgin Construction Company for the bid amount of \$2,172,500 on December 15, 2009 with 12.9% M/WBE participation.

The Fire Department moved into the new station on May 12, 2011 and is currently responding to calls out of the new building. The Contractor continues to address the remaining items generated by the final building walkthrough.

Phase 2 of the project is in progress. The metal building and house which previously occupied this portion of the site have been relocated. The initial grubbing and grading has been completed in preparation of the new entrance driveway to be installed. Curb and gutter is projected to be installed by the middle of June. The concrete driveway, walks and adjacent parking areas should be installed by the end of June.

Budget Comments 2006 Bond

Temporary Station cost: \$132,350. Construction funding for permanent station on the accelerated bond project list.



FIRE STATION - #61 VANDALIA RD



District:	1
Designer:	TMA Architects
Department:	FIRE
Dept Contact:	Mike Swails
Reporting Division:	Facilities
Project Manager:	Jerome Williams
Construction Start:	December, 2009
Project Completion:	May, 2011
Budget:	\$4,567,578
Estimated Cost:	\$4,567,578
Cost to Date:	\$2,773,329

Project Description

Fire Station # 61 is a new station located at 103-105 W Vandalia Rd. This Fire Station is being built in response to voluntary annexations and projected growth due to proximity to the major intersections of Urban Loop, 85 By-Pass and development along Hwy 421 corridor. The new station is approximately 10,000 square feet.

On September 1, 2009 the construction contract was awarded by City Council to Brooks General Contractors for the bid amount of \$1,918,110.00 with 6.5% M/WBE participation.

Landscaping, irrigation and the installation of site pole lighting has been completed. The construction of the Fire Station is basically complete. Occupancy of the building has been delayed due to the Contractor obtaining final City inspections. The contractor is in the process of completing preliminary inspection punch list which have been generated by the Architect and Engineer. The Fire Departments move in date will be coordinated with obtaining final City inspections and the certificate to occupy. It is projected that this will be accomplished by the end of June.

Budget Comments 2006 Bond



GTA MAINTENANCE/OPERATIONS TRANSIT FACILITY AND ADMINISTRATIVE OFFICES - PHASE I & II



District:	1
Designer:	Moser Mayer Phoenix Assoc.
Department:	GDOT
Dept Contact:	Libby James
Reporting Division:	Facilities
Project Manager:	Anthony Kozuch
Construction Start:	Spring, 2010
Project Completion:	Fall, 2011
Budget:	\$18,023,000
Estimated Cost:	\$18,023,000
Cost to Date:	\$18,438,285

Project Description

The new GTA Operations and Maintenance Facility and Administrative Offices is located at 223 West Meadowview Rd. This facility is being built to address service delivery needs for parking and maintenance of GTA buses.

Phase 1 includes the programming and schematic design of the facility, the site design, permitting and the site work construction phase. On July 21, 2009 the grading contract for Phase 1 was awarded by City Council to Thomas Stanley Grading & Hauling, Inc for the bid amount of \$243,344 with 6.8% DBE participation. This work is complete.

Phase 2 includes the 69,254SF facility building design and construction. The construction was awarded by City Council to the J.M. Thompson Company in the amount of \$15,412,904 with 1.1% DBE participation. Since the last report the following construction accomplishments are herein noted: The terra cotta rain-screen and zinc exterior façade installation is underway. The main and upper levels of the building have all interior metal stud framing completed with sheetrock installations well underway. The curtain wall, window frame & glazing installations are nearing completion. Plumbing, HVAC, electrical & sprinkler rough-in work is proceeding overhead and within the wall framing as the work pertains to each entity. The placement of the concrete in the south bus yard and west loading dock areas are underway. The placement of the concrete curb & gutter in the northeast parking lots are complete with stone base scheduled to commence. The ice storage tanks and the chiller have been set on the concrete chiller pad. The exterior metal building slab, fuel dispensing pad, dumpster pad, generator pad and the transformer concrete pad installations are nearing completion. DECO set the transformer and ug electric service. Building commissioning services are well underway.

It is anticipated that the building will be ready for a late fall, 2011 grand opening.

Budget Comments State & Federal Grant and Stimulus Funds

Funding is provided by State & Federal Grant; Stimulus Funds; and ARRA Funds. This project is scheduled to receive \$5.4 million in ARRA (Stimulus) funding.



LIBRARY - LAKE JEANETTE BRANCH



District:	3
Designer:	J. Hyatt Hammond
Department:	LIBRARY
Dept Contact:	Sandy Neerman
Reporting Division:	Facilities
Project Manager:	Reggie Lee
Construction Start:	TBD
Project Completion:	TBD
Budget:	\$3,658,768
Estimated Cost:	\$3,658,768
Cost to Date:	\$86,768

Project Description

Construction of a 15,000 sq. ft. library at the corner of Bass Chapel and Lake Jeanette Rd. to replace the Northeast Branch, which closed July, 2002. The Libraries Branch and Outreach strategic plan recommended relocating the Northeast Branch further north to accommodate a growing population center without convenient library service.

Construction documents are 90% complete and are submitted for owners review. A proposal for interior design services is currently being negotiated between staff and the design firm J. Hyatt Hammond Association; once completed contracts will be routed for execution followed by the initiation of a series meeting with the client department. The bidding and construction of this project is on hold at this time.

Budget Comments 2006 Bond

Land has been purchased with 2000 Bond funds.

NATURAL SCIENCE CENTER



District:	3
Designer:	Moser Mayer Phoenix Associates & Cambridge 7
Department:	NATURAL SCIENCE CENTER
Dept Contact:	Glenn Dobrogosz
Reporting Division:	Facilities
Project Manager:	Butch Shumate
Construction Start:	Summer 2011
Project Completion:	Winter 2012
Budget:	\$20,000,000
Estimated Cost:	\$1,056,200
Cost to Date:	\$426,607

Project Description

The Natural Science Center project was approved by voters in the 2009 Bond referendum. The current 68,000 square-foot Science Center will be fully renovated to include a human health and biology wing (HealthQuest), a dinosaur wing (Prehistoric Passages), an interactive science and technology wing (Sci-Tech Jungle), aquatic reptiles (Water Monsters), a restaurant, and an OmniSphere theater. The Animal Discovery Park will double in size to include an aviary complex, a museum of flight and additional animal habitats. The Carolina SciQuarium, a 26,000 square-foot hybrid aquarium and science museum, will become the new entrance portal into the Science Center.

The selection team chose Moser Mayer Phoenix Associates (MMPA) and Cambridge 7 (C7) to perform the master planning and "Phase I" of the project, based on the design teams experience with other science and aquarium projects. The Natural Science Center entered into a contract in the amount of \$1,056,200 with MMPA & C7 to perform this scope of work.

Bids were received on June 2nd for this project, at the present time the design team along with Facilities and NSC staff is in the process of reviewing the bids and scope of alternates to determine what will be included in the scope of work. The architect has contact the apparent low bidder and asked that make some suggestions on cost savings measures that might be considered thru this process.

A separate contract has been awarded for the parking lot expansion / improvements in preparation of the upcoming "Titanic" exhibit the contractor has mobilized on site and started clearing trees for this expansion.

Budget Comments 2009 Bond



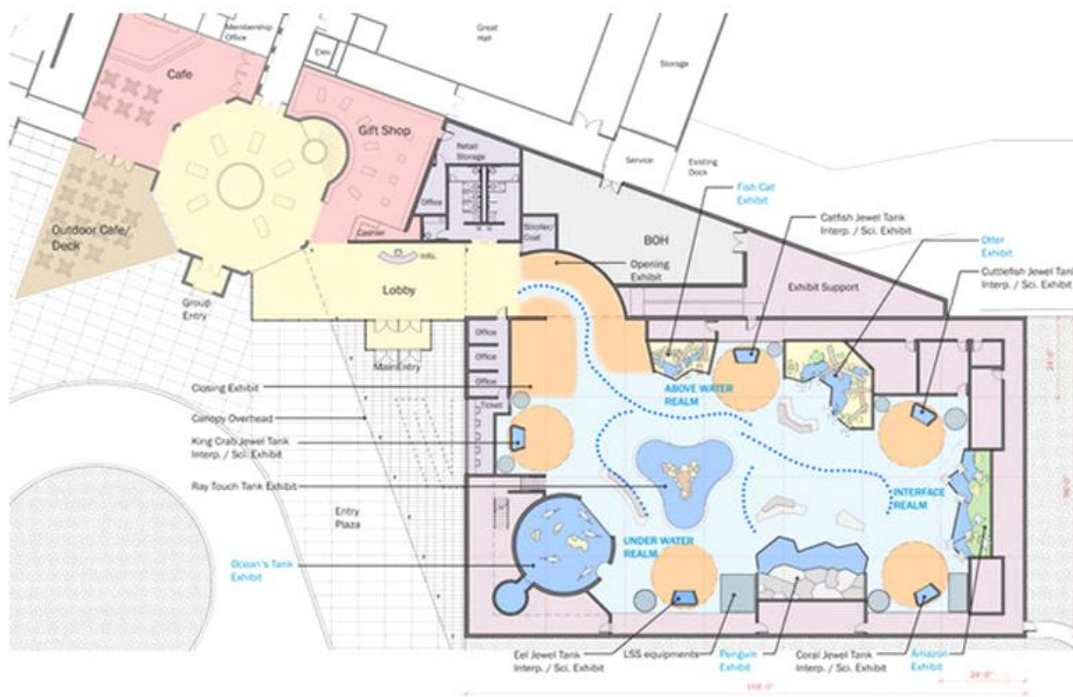
Bird's Eye View of NSC and SciQuarium

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September 6, 2010

Cambridge Seven Associates, Inc.



Phase 1 - SciQuarium Plan "Water Realms, Gift Shop, & Cafe"

Sep. 21, 2010

Cambridge Seven Associates, Inc.

BARBER PARK MASTER PLAN IMPLEMENTATION - PH. 2



District:	1
Designer:	Shermin Ata, Architect PLLC
Department:	PARKS & RECREATION
Dept Contact:	Nasha McCray
Reporting Division:	Facilities
Project Manager:	Anthony Kozuch
Construction Start:	TBD
Project Completion:	TBD
Budget:	\$3,900,000
Estimated Cost:	\$3,900,000
Cost to Date:	\$245,980

Project Description

Parks & Recreation Department selected Shermin Ata, Architect PLLC to provide construction documents for the second phase implementation of the adopted master plan. Phase 2 design services and construction is funded by the Wicker grant/donation and the 2008 Bond for the relocated Community Center including the Memorial to Women of Greensboro, and a modified maintenance building that will be shared with the Barber Park staff and the Gateway Garden staff.

The architectural firm of Shermin Ata, Architect PLLC currently under contract with 33% MWBE Participation is in the process of upgrading the overall master plan and providing the design for the relocated Community Center including the Memorial to Women of Greensboro, and the modified maintenance building. The maintenance facility will be shared with the Barber Park and Gateway Garden staff.

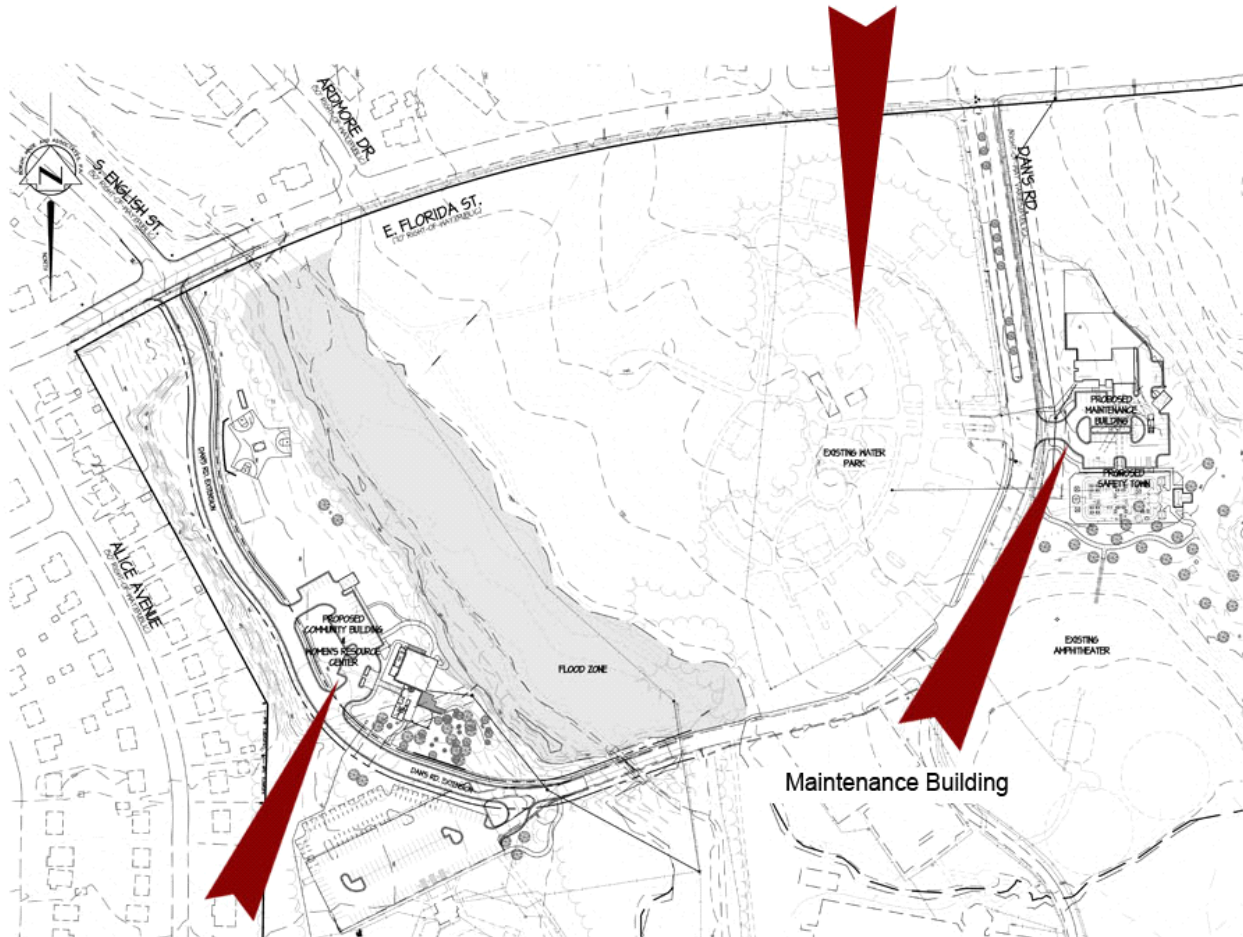
The first community meeting was conducted on January 26, 2010 to share concept plans of the buildings. The design work resumed in late September 2010 with an initial anticipated schedule to advertise for construction bids by spring 2011, pending the availability of funding for construction. Parks & Recreation Department continue to attempt to schedule a meeting with the Wicker Foundation to share the current design layout of the Community Center including the Memorial to Women of Greensboro and to gather information on the direction of the design layout for the memorial area of the community building. The maintenance building plans are currently in the construction document phase of the design process, while the Community Center and the Memorial to Women of Greensboro is in the design development phase. The review submittal will follow after the second community meeting is scheduled.

Budget Comments 2008 Bond, R Wicker Grant

Budget, estimated cost and cost to date for Phase II only.

Phase 2: Community Center including the Memorial to Women of Greensboro & Maintenance Building

Phase 1: Spray Ground & Playground



Community Center & Memorial to Women of Greensboro

Maintenance Building

GATEWAY GARDENS



District:	1
Designer:	
Department:	PARKS & RECREATION
Dept Contact:	Kathy Cates (City Beautiful)
Reporting Division:	Facilities
Project Manager:	Reggie Lee
Construction Start:	Spring, 2009
Project Completion:	Fall, 2011
Budget:	\$5,000,000
Estimated Cost:	\$5,000,000
Cost to Date:	\$3,760,157

Project Description

The objective of Gateway Gardens is to enhance the eastern entrance to the City Limits. Plans for this site include a Visitors' Center, parking facilities, demonstration & feature gardens, rain garden, children's garden, Natural Heritage Preserve in White Oak Forest, pedestrian bridges, heritage garden, a central water feature, wedding & special events garden, Greensboro Icon and Gateway Plaza. This project will be developed in phases. The implementation of the proposed plan is contingent upon funding contributions by Greensboro Beautiful combined with a \$ 1.5 million dollar contribution by the City of Greensboro.

On December 16, 2008 the Phase 1 construction contract was awarded by City Council to Fuller Contracting for the bid amount of \$2,960,400.00 with 6.87% M/WBE participation.

Fuller Contracting and Valley Crest Landscaping are completing their punch list items and staff has been following up on warranty items and collecting project close-out documentation. Staff has negotiated a fee with CDA for professional services for phase 2 - Welcome Center facility; and City Council approved its funding. Their proposal will be routed for execution followed by the initiation of revising the construction documents for permitting and bidding.

Budget Comments 2000 & 2008 Bond

\$3,500,000 of this \$5,000,000 project will be funded by Greensboro Beautiful.



HILLTOP RECREATION CENTER



District:	5
Designer:	Corley, Redfoot & Zack, Inc
Department:	PARKS & RECREATION
Dept Contact:	Nasha McCray
Reporting Division:	Facilities
Project Manager:	Jerome Williams
Construction Start:	Summer, 2011
Project Completion:	Spring/Summer, 2012
Budget:	\$5,947,113
Estimated Cost:	\$5,500,000
Cost to Date:	\$4,047,315

Project Description

The 48 acre property for the proposed Hilltop Recreation facility is adjacent to Hilltop Road and Shimer Drive. Based on the department's service standards for the City and the continued growth of Adam's Farm, Sedgefield and Grandover, there exists a need for a new recreation center and adjacent parkland in District 5.

During the process of surveying the site, it was discovered that there are portions of the site which are designated as "wetlands". These areas are required to be delineated and certified in accordance with guidelines established by the Army Corp of Engineers and the Division of Water Quality. A proposal has been received and approved for the extension of the contract with S&ME to complete this work. Upon completion of this work, the information will be forwarded to the Designer in order to complete site development plans and details. At present, construction documents are approximately 60% complete.

Staff continues to correspond with the Lead Designer to review building systems and offer additional clarification on comments provided on the design development drawings.

Budget Comments 2000 & 2006 Bond

KEELEY PARK DEVELOPMENT: PHASE I



District:	2
Designer:	Site Solutions
Department:	PARKS & RECREATION
Dept Contact:	Nasha McCray
Reporting Division:	Facilities
Project Manager:	Reggie Lee
Construction Start:	Fall, 2010
Project Completion:	Summer, 2011
Budget:	\$5,750,964
Estimated Cost:	\$2,604,006
Cost to Date:	\$4,579,706

Project Description

SPRAYGROUND, PLAYGROUNDS, RESTROOM/CONCESSIONS, TRAILS, SHELTERS, COMMUNITY GARDEN

The former Keeley Nursery site is being developed as a community park. The first phase of the park will include pond renovations, trails, shelters, a community garden, a sprayground, playgrounds and a restroom/concessions building. The 1998 Parks and Recreation Master Plan identifies this area of Greensboro as a location where a community park is needed.

On January 5, 2010 the contract for the first phase of the park construction was awarded by City Council to T. A. Loving for the bid amount of \$3,975,700.00 with 24% M/WBE participation. Due to funding discussions delaying execution of the contract for several months a change order for material cost escalation is being reviewed by staff. Contracts have been executed and a groundbreaking ceremony was held on August 5, 2010.

To date the project is approximately 65-70% complete. Weather has slowed progress and a considerable amount of time was lost due to unfavorable weather although project completion remains late summer 2011. Presently 95% of the walking trails are rough graded, the stone veneer is 100% complete, 98% of the curb and gutters are installed and 98% of the metal roofs are installed. The bridge across the pond is complete and lacks the apron. The parking lot at the community garden and the splash ground has received its stone base which will be followed by paving.

Budget Comments 2000 Bond & N.C. Parks and Recreation Trust Fund

A \$500,000 Parks and Recreation Trust Fund grant has been awarded to Parks & Recreation to aid in the development of this project. Development is phased due to the anticipated timing of bond sales. Budget is not available until anticipated Bond sale in 2010.



WAR MEMORIAL STADIUM IMPROVEMENTS



District:	2
Designer:	Walter, Robbs, Callahan & Pierce
Department:	PARKS & RECREATION
Dept Contact:	Nasha McCray
Reporting Division:	Facilities
Project Manager:	Butch Shumate
Construction Start:	TBA
Project Completion:	TBA
Budget:	\$1,569,400
Estimated Cost:	\$3,562,500
Cost to Date:	\$98,800

Project Description

Currently, Parks & Recreation and Facilities Management are in the process of hiring a consultant to re-evaluate the condition of the structure. Discussions for a new renovation plan are underway to determine the best course of action that will provide for continued use of the facility.

A meeting with the stakeholders group was held on April 12 to present and discuss what could be accomplished at the stadium with the existing funding. This scope of work included demolishing the interior concrete risers and seating, and the team dressing rooms along with the concessions areas located under the riser. The exterior portions of the stadium walls would be removed up to the entrance towers with the towers and arches to be stabilized and restored. Public restrooms and some storage areas would be rebuilt. Aluminum bleachers would be brought in to provide seating for 500 spectators. Perimeter fencing and an entrance plaza of 5,000 square feet is also included in this scope of work. Staff met with the design team to ask that they provide a detailed phasing / cost estimate of proposed scope.

Staff from P&R and Facilities met with the Facilities Director of A&T along with members of his staff to discuss the possibility of a partnership in sharing of the renovation cost for the Stadium. A&T had some additional scope of work for which they requested a cost estimate from WRCP. These additions include a 1500-2000 sf. Elevated press box, an elevator to the press box, grass berms along the 1st & 3rd baselines for family style seating areas, and possible upgrades to the dugouts. The designer provided an updated cost estimate of approximately \$3,350,000 to complete all renovations. The Director of Facilities for A&T will use this estimate in funding discussion with school officials.

Budget Comments P & R Facilities Bond 2007

The demolition, the scoreboard and the fence installation for \$69,400 was paid with M & O monies. The P & R Facilities Bond Fund 2007 was approved by City Council on Oct. 2, 2007 in the amount of \$1,500,000. This project is on the City of Greensboro's list for potential federal stimulus funding. Federal funding requested through FY09-10 Budget earmark process - \$2.5 million for site improvements

BALLINGER RD BRIDGE @ HORSEPEN CREEK - REPLACEMENT



District:	5
Designer:	Ralph Whitehead & Associates
Department:	GDOT
Dept Contact:	Adam Fischer
Reporting Division:	Engineering
Project Manager:	Bruce Overman
Construction Start:	Summer, 2011
Project Completion:	Summer, 2012
Budget:	\$2,985,600
Estimated Cost:	\$3,067,900
Cost to Date:	\$260,568

Project Description

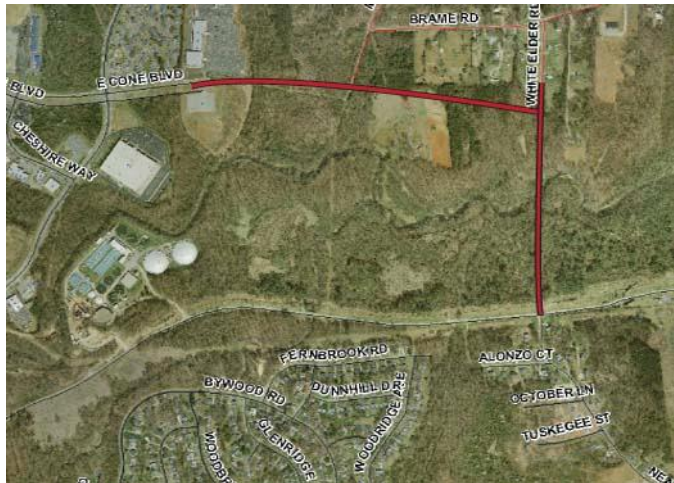
This is a bridge replacement that is necessary to accommodate future traffic. The bridge proposal includes an increase in width to 40 feet. Proposed with the bridge is a 10 ft. Multi-use path on the north side and a 6 ft. Sidewalk on the south side.

This bridge was found to be in need of replacement after routine inspections by NCDOT. Funding for the bridge will include 80% Federal Highway funds working through NCDOT and 20% local funding. The new bridge location is restricted by agencies with interests in the property on both sides. Construction Authorization by NCDOT has been received. The project was advertised for construction on 6/9/11. Bids are due on 7/14/11.

Budget Comments Powell Bill & NCDOT Participation

This project is 80% NCDOT funding and 20% City funding.

CONE BOULEVARD/NEALTOWN ROAD EXTENSIONS & BRIDGE



District:	2
Designer:	Ralph Whitehead Assoc.
Department:	GDOT
Dept Contact:	Adam Fischer
Reporting Division:	Engineering
Project Manager:	Bruce Overman
Construction Start:	Fall, 2012
Project Completion:	Summer, 2014
Budget:	\$1,000,000
Estimated Cost:	\$9,100,000
Cost to Date:	\$567,953

Project Description

FROM END OF EXISTING CONE BOULEVARD 3200' EAST & FROM END OF EXISTING NEALTOWN ROAD 2000' NORTH

This project includes a 3,200' extension of Cone Boulevard and a 2,000' extension of Nealtown Road. Cone Boulevard will have two lanes with a sidewalk on the south side. Nealtown Road will have two lanes with curb & gutter, sidewalks and a significant bridge. This is a very complex project, which includes both bridge and culvert designs. The review process alone will be time consuming, and the entire project will take some time to complete. An outside engineering firm was retained due to the unique permitting and structural design requirements.

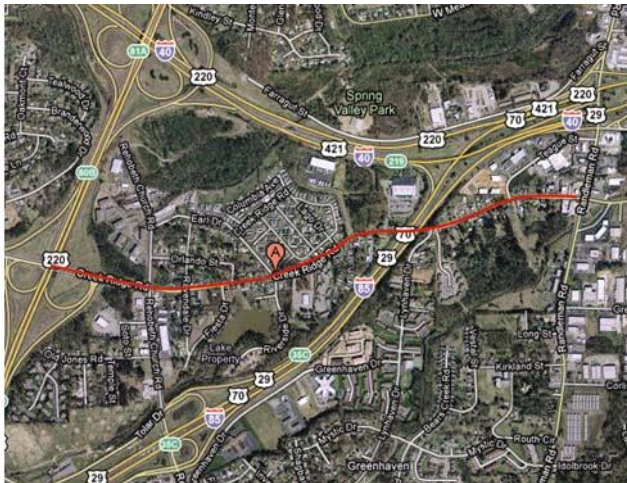
The NC Division of Water Quality required that Cone Blvd. be scaled back from the original 4 lanes to 2 lanes in order to avoid the requirement to prepare a full Cumulative Quantitative Analysis, which would significantly impact the timing and cost of the project. Another very significant complication was encountered when the borings for the bridge structure revealed a large amount of old landfill material. The landfill material discovered in the roadway area must be removed and replaced, which increased the cost of the project significantly. In view of these cost increases, in order to reduce costs in other areas, the improvements to White St. and the roundabout at the intersection of White St. and Nealtown Rd. were eliminated from the project.

Roadway design and property drawings and descriptions were completed before the project was put on "hold." These drawings are being updated and revised to reflect current conditions and to meet current environmental requirements. Agreements reached with White St. Landfill personnel relative to the disposal of excavated material during the preparation of the Nealtown Rd. extension are being reviewed and updated. Proposals have been developed for evaluation of the old landfill material, which occupies much of the Nealtown Rd. roadway area between White St. and North Buffalo Creek. We plan to proceed with this evaluation. An updated schedule for the project is available. Funding for real estate acquisition is tentatively planned for 2011.

Budget Comments 2000, 2008 Bond & Powell Bill

Professional Design Services funded with Powell Bill Funds.

CREEKRIDGE ROAD



District:	1
Designer:	Gary Stephenson
Department:	GDOT
Dept Contact:	Adam Fischer
Reporting Division:	Engineering
Project Manager:	Gary Stephenson
Construction Start:	Summer, 2011
Project Completion:	Fall, 2012
Budget:	\$6,978,733
Estimated Cost:	\$6,978,733
Cost to Date:	\$404,391

Project Description

RANDLEMAN RD TO US 220

Creekridge Road is a minor thoroughfare running east-west connecting Elm-Eugene Street, Randleman Road, and US-220. The section between Randleman Road and US 220 is a narrow two lane section that was approved on the 2000 Bond program for widening improvements

Property acquisitions are complete. NCDOT has approved the encroachment permit for sidewalk on the bridge. Water Resources (Storm Water Division) has granted a Flood Plain Permit for the project. NC Division of Water Quality and Land Quality permits are approved. The storm water management structure has been approved by Greensboro's Storm Water Division.

Bids were opened on June 9, and award of the contract is scheduled for July 19th. The anticipated start of construction is August 19th.

Budget Comments 2000 Bond

DOWNTOWN GREENWAY



District:	1,2,3
Designer:	Various Consultants
Department:	GDOT
Dept Contact:	Adam Fischer
Reporting Division:	Engineering
Project Manager:	Ted Partrick
Construction Start:	February, 2009
Project Completion:	2017
Budget:	\$14,060,000
Estimated Cost:	\$25,400,000
Cost to Date:	\$1,301,267

Project Description

The downtown greenway will enhance pedestrian and bicycle circulation in and around downtown, serving as a hub for a larger future greenway network and improving transportation safety and mobility choices. This urban trail will be part off-street shared-use path and part sidewalk with on-street bicycling. The project is a public-private partnership and will be constructed in four major phases.

*Phase 1: Spring Garden Street - Bragg Street - E. Lee Street. The section of Phase 1 from the ramp at Freeman Mill Road to Eugene Street is complete. MWBE participation was 6%.

*Phase 1-A: The section from W. Lee Street north to Spring Garden Street. The construction contract was awarded by the City Council to Brooks Lumber Company on February 15, 2011, for \$1,048,374.05. Completion is anticipated in fall, 2011. This phase includes a significant cornerstone with sculpture at the W. Lee Street entrance to the Greenway. Additional grants were received from the National Endowment of the Arts for art in the railroad underpass. MWBE participation of 12.8% is planned. Construction began on May 6, 2011.

*Phases 1-B and 1-C: The sections from Eugene Street along Bragg Street to E. Lee Street are in the preliminary stages. These sections are surrounded by new re-development projects in various stages of design , including the South Elm Street Redevelopment Project. Construction is anticipated to start in 2012. The design of the section from Eugene to Arlington will start this summer.

*Phase 2: The preliminary design from E. Lee Street along Murrow Boulevard and Fisher Avenue to Eugene Street is complete. An agreement for the final design and construction plans is being prepared. Completion of the design and construction plans with approvals is anticipated for winter, 2012/2013.

*Phases 3: Final design and construction plans began in October for the section from Fisher Avenue at Eugene to the railroad crossing at Smith. Environmental Phase II studies are underway at two locations. The section on Eugene from Fisher Ave. to Smith St. is scheduled for construction to begin in the fall or winter of 2011.

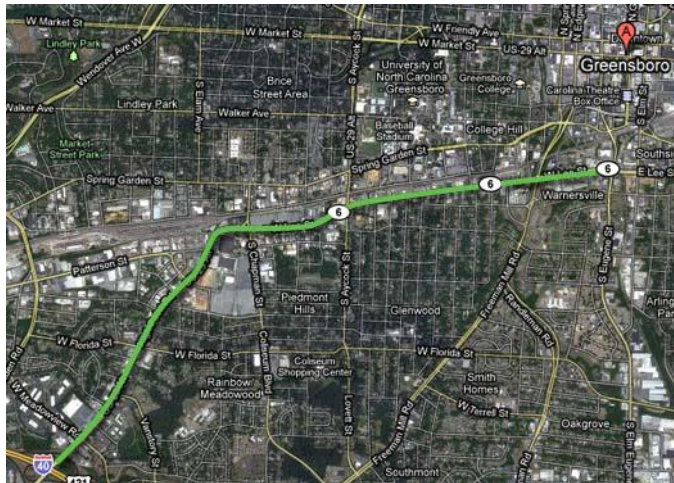
*Phase 4: This is the portion of the Greenway along the Atlantic & Yadkin Railroad line from Smith Street to Spring Garden Street. Construction cannot begin until after the railroad ceases service to a current customer on the line. Preliminary mapping of the properties along the railroad right of way is complete. Preparations are under way for banking of the right of way.

Budget Comments 2000 & 2008 Bonds, State Grants, and Private Funds

\$1,130,000 approved for design and construction expenditures. The project is being funded in partnership by public (\$7 million total in 2008 Bonds and Grants) and private funds ("Other Fund Sources"). "Cost to Date" reflects City expenditures only. Additional \$12 million in funding will be required to complete the Greenway. The funding sources will be future City bonds, State grants and private contributions.



HIGH POINT RD / LEE ST STREETSCAPE, PHASE 1



District:	1
Designer:	Kimley-Horn and Assoc
Department:	GDOT
Dept Contact:	Chris Spencer
Reporting Division:	Engineering
Project Manager:	Tyrone Chiles
Construction Start:	2013-2014
Project Completion:	2014-2015
Budget:	\$7,500,000
Estimated Cost:	\$8,000,000
Cost to Date:	\$0

Project Description

The High Point Rd./W. Lee St. streetscape project, Phase I, will focus on improving the visual appeal, enhancing pedestrian, bicycle and transit mobility and safety while preserving the existing capacity for motorists. Reinvestment corridors are defined by the plan as “older commercial corridors that would benefit from significant public and private investment to enhance their economic viability and strengthen adjacent neighborhoods. This project, Phase 1, extends from Pinecroft Rd. to Coliseum Blvd.

Design of this project is by Kimley-Horn and Assoc., Raleigh, NC. The 50% plans have been reviewed and comments have been submitted back to the consultant.

Budget Comments 2008 Bond

Voter Approved Bond Project from 2008 Transportation Bond Program have not been sold - Anticipated Sale beginning in 2011-2012. A municipal agreement with NCDOT to reimburse the City for the resurfacing associated is pending.

HORNADAY ROAD EXTENSION



District:	5
Designer:	Wilbur Smith & Associates
Department:	GDOT
Dept Contact:	Adam Fischer
Reporting Division:	Engineering
Project Manager:	Thomas Cordell
Construction Start:	Winter, 2009/2010
Project Completion:	Winter, 2011/2012
Budget:	\$11,600,000
Estimated Cost:	\$11,200,000
Cost to Date:	\$6,619,302

Project Description

CHIMNEY ROCK ROAD TO EXISTING HORNADAY ROAD

The project includes widening, curb & gutter, storm sewer, sidewalk on both sides, bridge design and other items associated with a new roadway improvement. Hornaday Road improvements are being accelerated to facilitate development in the western portion of the City of Greensboro.

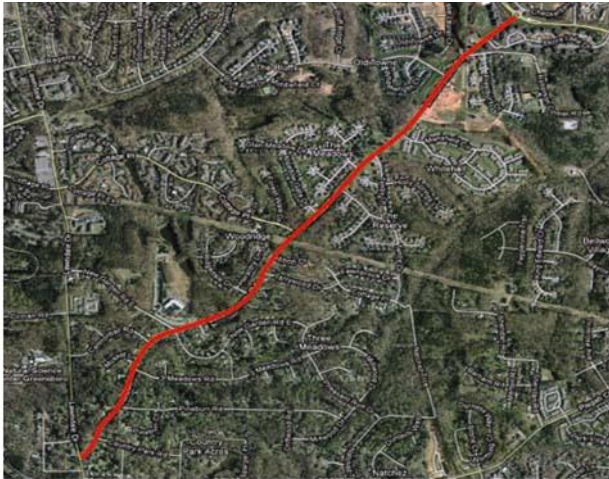
Advertisement for bids took place on 8/13/09, and bids were opened on 9/30/09. Dane Construction Co. was the low bidder for the roadway and overpass with a total bid of \$5,803,579.99 and 9% M/WBE participation. The Notice to Proceed was effective 1/19/10. The contract completion date is 1/19/12. Storm sewer installation, fine grading, stone base, sidewalk, and most of the curb and gutter have been completed west of the overpass. Sidewalk and curb and gutter tie-ins at the intersections are in progress west of the overpass. The storm sewer installation on the east side of the overpass has been completed. Construction of both retaining walls and construction of the 5 bridge supports have been completed. The steel girders for the overpass have been installed, and the structure for the west half of the overpass is complete. The first concrete pour for the east half of the bridge deck has been completed.

Budget Comments Powell Bill, State Funds & 2000 Bond Issue

NCDOT will reimburse the City up to \$4.716 million for design and construction costs for the Hornaday Rd. overpass.



LAKE JEANETTE ROAD



District:	3
Designer:	URS CORPORATION
Department:	GDOT
Dept Contact:	Adam Fischer
Reporting Division:	Engineering
Project Manager:	Thomas Cordell
Construction Start:	Winter, 2009/2010
Project Completion:	Summer, 2011
Budget:	\$6,650,000
Estimated Cost:	\$6,650,000
Cost to Date:	\$4,260,317

Project Description

NORTH ELM STREET TO LAWNDALE DRIVE

This project is one of the roadway bond projects approved by voters in the 2000 Bond Program. The project includes widening, curb & gutter, storm sewer, median islands, turn lanes, sidewalks and other items associated with a roadway improvement project. The improvements are being made where none now exist.

The contract was awarded on December 14 to Triangle Grading and Paving Co. with a bid amount of \$2,493,271.77 and 10% DBE participation. The Notice to Proceed was effective 1/25/10, and the target completion date has been set for 4/30/11. Construction is behind schedule. The first of 3 sections of roadway, from Lawndale Dr. to New Garden Rd., is roughly 90% complete. The water main relocation in this section has been completed, and adjustments to the median near Lawndale Dr. are in progress. The curb for all other medians has been installed. Curb and Gutter and sidewalk for Phase 2, from New Garden Rd. to Meadow Gate are approximately 80% complete. Storm sewer installation for Phase 2 is complete. Clearing has been completed, and storm sewer installation is approximately 90% complete for Phase 3 from Meadow Gate to Shore Lake Dr. Installation of curb and gutter, sidewalks, and driveway aprons in Phases 2 and 3 is continuing. The roundabout is 50% complete.

Budget Comments 2000 Bond & Stimulus Funds

Professional services and R/W funded from 2000 Bond sales in Spring 2006. Construction funding will be made available through 2000 Bond funds and \$4,125,000 of Economic Stimulus funding.



MARKET STREET, WEST @ GUILFORD COLLEGE RD



District:	5
Designer:	STV/Ralph Whitehead Assoc.
Department:	GDOT
Dept Contact:	Chris Spencer
Reporting Division:	Engineering
Project Manager:	Anthony Kozuch
Construction Start:	Spring, 2014
Project Completion:	Spring, 2015
Budget:	\$1,550,000
Estimated Cost:	\$6,000,000
Cost to Date:	\$488,635

Project Description

MARKET STREET, WEST @ GUILFORD COLLEGE ROAD INTERSECTION IMPROVEMENT

This project includes widening, additional turn lanes and sidewalks on each side of the intersection of West Market Street and Guilford College Road. Improvements on College Road extend north to Guida Drive.

This project has been designed by STV/Ralph Whitehead Associates. The revised 100% contract documents have been received. The designer is continuing with the development of the required encroachment agreements and permits. Property acquisition has been placed on hold until funds are available. Utility relocations will follow property acquisition. The adjacent railroad line, the numerous utilities installed, and the close proximity of existing commercial buildings to the roadway present unusual complications in the preparation of this site. A categorical exclusion document is being prepared in anticipation of partial Federal funding for the project.

Budget Comments 2000 & 2008 Bond

This project is currently under consideration for partial construction funding by NCDOT and for real estate funding with federal funds. The remainder will be funded by the 2008 Transportation Bond sales. Professional Design Services are funded with 2000 Bond funds.

MERRITT DRIVE



District:	5
Designer:	
Department:	GDOT
Dept Contact:	Adam Fischer
Reporting Division:	Engineering
Project Manager:	Joshua Purkett
Construction Start:	Fall, 2011
Project Completion:	Fall, 2012
Budget:	\$5,557,956
Estimated Cost:	\$5,185,000
Cost to Date:	\$1,484,215

Project Description

I-40 BRIDGE TO HIGH POINT ROAD

Merritt Drive is a minor north-south thoroughfare connecting the heavily developed retail corridor of High Point Road with Spring Garden Street/Wendover Avenue corridors. Currently the referenced limits is a two-lane roadway carrying approx. 19,000 vehicles a day between High Point Road and the I-40 bridge area. Multi-lane improvements to Merritt Drive between I-40 and Spring Garden Street were completed in 1997, creating a bottleneck at Merritt Drive bridge over I-40. As part of the I-40 widening project, NCDOT has widened the Merritt Drive bridge to clear up the bottleneck. In order to provide a continuous multilane facility between High Point Road and Spring Garden Street, it is imperative that the section of Merritt Drive between I-40 and High Point Road be improved.

Property acquisition is complete. Utility adjustments began September 2010. NC Division of Water Quality and Land Quality permits are in process.

Advertisement of the contract is scheduled for June 2011. Anticipated start of construction September, 2011.

Budget Comments 2000 & 2008 Bond

NEW GARDEN ROAD - PHASE II



District:	4
Designer:	
Department:	GDOT
Dept Contact:	Adam Fischer
Reporting Division:	Engineering
Project Manager:	Guy Ingle
Construction Start:	Fall, 2009
Project Completion:	Summer, 2011
Budget:	\$6,800,000
Estimated Cost:	\$6,800,000
Cost to Date:	\$5,714,088

Project Description

BRYAN BLVD TO BRASSFIELD RD.

This is a widening of the existing roadway from a two lane ribbon pavement to a four lane divided roadway with a grass median and sidewalks installed on both sides of the roadway.

On June 2, 2009 the construction contract was awarded by City Council to Jimmy R Lynch & Sons, Inc. for the bid amount of \$4,668,000; with a 3.9% M/WBE participation. The Notice to Proceed was issued on February 8, 2010. Final pavement overlay is expected to be completed by June 9, weather permitting.

The stream relocation/restoration work was completed in mid-March, including installation of all plant material. This is a significant "green" project to protect and enhance the creek at the culvert.

Survey work is nearing completion on areas necessary for the preparation of the Letter of Map Revision (LOMR, revisions to the flood plain maps to update with new construction) which must be completed within 6 months of construction completion. The LOMR is being prepared by a local on-call consultant.

The final asphalt overlay is scheduled to be complete by the end of June 2011.

Budget Comments 2000 Bond & Powell

Design and Land- R/W cost are funded using Powell Bill and Street/Sidewalk Revolving Funds. Construction funded from 2000 Bond funds.



SIGNAL SYSTEM & INTELLIGENT TRAFFIC SYSTEM



District:	All
Designer:	KHA/NC DOT
Department:	GDOT
Dept Contact:	Joe Mullinax
Reporting Division:	Engineering
Project Manager:	
Construction Start:	August 1, 2008
Project Completion:	August 15, 2013
Budget:	\$25,451,735
Estimated Cost:	\$23,749,204
Cost to Date:	\$18,744,445

Project Description

This program will enhance and upgrade the infrastructure of the traffic signal system and expand the operations of the City's traffic signals.

Construction on the Signal System replacement project began in August of 2008. The contractor has installed system loops, loop lead-ins, fiber-optic cable as well as new traffic signal controllers and cabinets.

The current phase of the project involves replacement of all 450 traffic signal control cabinets and traffic signal controllers. Currently, new cabinets and controllers are installed and operating at 376 intersections. The contractor has begun installation of the 150 miles of fiber-optic communication cable which will interconnect all 450 traffic signals for central control. 68.7 miles of cable have been installed to date.

Ethernet switching equipment has been installed at MMOB, the Sanford Smith Building and the Signal Shop. 105 intersections are currently online with and being controlled by the new system.

Budget Comments

MIS is funding upgrades to signal system Ethernet network including additional fiber optic cables and upgraded network switches to interconnect other city facilities to the Ethernet network. MIS is contributing \$1,451,735 for these upgrades to the Ethernet network.

BESSEMER SHOPPING CENTER



District:	2
Designer:	
Department:	HCD
Dept Contact:	Dyan Arkin
Reporting Division:	Engineering
Project Manager:	
Construction Start:	TBA
Project Completion:	2012
Budget:	\$1,538,800
Estimated Cost:	\$1,924,495
Cost to Date:	\$1,399,855

Project Description

Redevelopment of the 9.8-acre Bessemer Shopping Center property, which was purchased in January 2008 to provide land for construction of the new McGirt-Horton Library. Library bond funds, Community Development Block Grant (CDBG) funds and local neighborhood renewal bond funds were used for the \$1.25 million site purchase. The 45,000 square foot building on the site is currently vacant except for a 9000+ Family Dollar store. A 2003 neighborhood center visioning process developed a set of recommendations, which have recently been tested for feasibility.

Next steps include subdividing library site from the remainder of the site, designating an Integrated Multiple Use Development (IMUD), recruitment of tenants, and procurement of a developer. Lead Agent East Market Street Development Corporation is preparing a Request for Qualifications for a developer and pursuing discussions with an interested national retailer. The Steering Committee, established to oversee predevelopment and development is meeting monthly. Façade improvements to the old library site are complete, and Family Dollar will begin their up fit at any time.

Budget Comments

Acquisition funds breakdown included \$446,073 Library Bond Funds, \$450,000 Community Development Block Grant (CDBG) funds, and \$378, 421 Redevelopment Bond funds. Other fund sources are lease revenue and Housing Partnership. Other cost is property management.



Bessemer Shopping Center Revitalization City of Greensboro, NC

Master Plan



Existing Facade



ELM STREET, SOUTH - BROWNFIELD REDEVELOPMENT



District:	1
Designer:	Not yet selected.
Department:	HCD
Dept Contact:	Dyan Arkin
Reporting Division:	Engineering
Project Manager:	
Construction Start:	Spring, 2007
Project Completion:	Winter, 2012
Budget:	\$11,013,500
Estimated Cost:	\$11,013,500
Cost to Date:	\$6,535,382

Project Description

This project is a brownfield redevelopment area (def: abandoned, idled or under-used industrial and commercial properties where expansion or redevelopment is complicated by real or perceived contamination) extending west from Arlington Street to the railroad tracks and south from Lee Street to Bragg Street and beyond. The project's goal is to create a redevelopment plan for the area and develop the site's properties according to the plan. This will be achieved with the following objectives: assess site for environmental contamination, acquire properties to be redeveloped, remediate contamination as required and implement the development plan. It is expected that the project will involve new construction, rehabilitation, new and improved infrastructure.

Comprehensive Site Environmental Report, Remediation Work Plan, and Remedial Action Plan were submitted and approved NCDENR. Redevelopment Plan was approved by City Council in 2007. The Redevelopment Commission has assembled the land required for the project. Sanitary sewer line upgrades have been completed.

Remediation work is complete. Marketing the site for development is underway. Three of five proposals, received in response to the development RFP, are currently being evaluated with a selection announcement intended for September. Proposals and information on the master plan can be found on the web site for the project - www.southelmstreet.com.

Asbestos abatement: Abatemaster - \$53,280 - MWBE participation - 100%
Demolition: DH Griffin - \$283,700.00 - MWBE participation \$25,500 - 9%
Remediation: Triangle Paving and Grading - \$1,085,799 - MWBE participation \$263,502 - 24%

Budget Comments

Construction Cost line item no longer includes remediation expenses.

HUD and other Federal agencies are participating in funding ie. Federal BEDI Grant: \$2,000,000; HUD 108 Loan: \$3,000,000. The City is also receiving a Federal Brownfield's Grant for \$200,000. Federal CDBG funds in the amount of \$398,500 have been added to this project to allow the purchase and demolition of the St. James Homes II site.

City Funding Sources have been identified as; Powell Bill Water Resources and Infill Development in the amount of \$1,050,000. City funding represents approx. 17% of the total estimated project cost.



HOPE VI - WILLOW OAKS AREA REVITALIZATION



District:	2
Designer:	Duany Plater- Zyberk, Town Planners
Department:	HCD
Dept Contact:	Dyan Arkin
Reporting Division:	Engineering
Project Manager:	
Construction Start:	Spring, 2001
Project Completion:	Fall, 2012
Budget:	\$15,000,000
Estimated Cost:	\$12,428,000
Cost to Date:	\$14,976,244

Project Description

This project is a neighborhood redevelopment for an area of approximately 250 acres about two miles southeast of downtown Greensboro. The project's goal is to revitalize the site previously occupied by Morningside Homes public housing and the surrounding area to create a mixed-income, mixed-use, pedestrian-friendly community. This will be achieved through the accomplishment of the following objectives: removal of structurally substandard buildings; construction of new single-family homes and multifamily units; rehabilitation of existing housing units; upgrade and replacement of certain public improvements; and use of Greensboro's Traditional Neighborhood Development ordinance.

The project has been divided into two development phases: On-site (the old Morningside site) and off-site (the surrounding Redevelopment Commission of Greensboro acquisitions). The City's original funding commitment included \$7,428,000 for site assembly and \$5,000,000 for infrastructure. Infrastructure improvements are complete.

210 units are available for rent to seniors and families at or below 60% of Area median Income; all complexes stay fully occupied and have waiting lists. Operations at the community/child care building are running smoothly under the direction of Slatter Management, the homeowners' association management company.

Phase II Single Family Homes construction (180 units) is ongoing. Market conditions have pushed back construction of townhome-style single family units until 2012. Predevelopment for the commercial component of the Town Center is in progress with possible construction start in fall 2012. Greensboro Housing Development Partnership has assumed lead agency responsibilities from the Greensboro Housing Authority.

Planning for Phase III – South English Street Corridor is underway.

Lead Agency: Greensboro Housing Development Partnership
Lead Developer: Mid-City Urban, LLC, d/b/a Urban Atlantic, LLC
Site Assembly: Redevelopment Commission of Greensboro

Budget Comments



FLUIDIZED BED INCINERATOR REPLACEMENT



District:	2
Designer:	Camp Dresser & McKee
Department:	WATER RESOURCES
Dept Contact:	Mike Borchers
Reporting Division:	Engineering
Project Manager:	Danny Briggs
Construction Start:	July, 2008
Project Completion:	Fall, 2011
Budget:	\$25,000,000
Estimated Cost:	\$24,512,663
Cost to Date:	\$24,203,568

Project Description

This project entails replacing one of two existing fluidized bed incinerators at the T.Z. Osborne Water Reclamation facility. The existing incineration unit, installed in the 1990's, has reached the end of its design life. The purpose of the incineration process is to reduce the quantity of biosolids produced through the treatment of waste water and to convert it to an ash which when disposed has the least amount of health and environmental impacts. This equipment is critical in treating wastewater since it processes the sludge produced from both T.Z. Osborne and North Buffalo wastewater treatment facilities.

Camp Dresser & McKee is providing construction administration services for this project. On August 18, 2009 the construction contract was awarded by City Council to Crowder Construction for the bid amount of \$20,965,455 with 6.4% M/WBE participation. A Notice To Proceed was issued on November 2, 2009 and the anticipated contract completion date is two years from notice to proceed.

Recent activities include the continuation of the painting, hydraulic piping installation, fire alarm system installation, HVAC and new lighting installation. Pipe testing, sludge pump checkout, input / output (I/O) checkout, stairs and grating installations were started. Upcoming activities include completion of the hydraulic piping, fire alarm system, conduit rough-in, wire terminations and exhaust fans installation. Painting, grating and lighting installations will continue. Process piping insulation, rough-in and pulling of fiber optic cable, ash drain and sand system piping modifications, and equipment startups will begin. The sludge pumps dry startup and transverse conveyor startup will be conducted as well. The structural framing punchlist items will also be addressed.

Budget Comments

**T.Z. Osborne WRF
Fluidized Bed Incinerator Project
COG Contract Number 2009-002
City of Greensboro Water Resources**

Date: May 10, 2011
Subject: Monthly Project Status
Period: **Apr. 1, 2011 to Apr. 30, 2011**

From: Dave Heiser, CDM
To: COG, CDM, H&S, CCC Team

CONTRACT STATUS:

Original Time for Completion: 730 days
Amended Time: 0
Expired Time for Completion: 544 days
Percent Contract Time Expired: 74.5%
Budgeted Work Completed: \$19,494,893
93.0%
Contingency Remaining: \$652,939

WORK COMPLETED THIS PERIOD:

- Completed quench water piping.
- Began new lighting installation.
- Installed dampers and exhaust fans.
- Continued instruments installation, wiring, conduit & terminations.
- Completed propane & purge air piping.
- Completed fuel oil & HP water piping.
- Continued painting of equip. & piping.
- Completed 5KV cable pulls & SE's.

WORK PLANNED NEXT 30 DAYS:

- Complete fuel oil piping, reactor roof platform grating, and instrument inst.
- Complete exhaust fan & damper inst.
- Continue lighting and wiring term's.
- Continue painting at all levels.
- Complete hydr lines to sludge pumps & mod's to existing sand silo feed system.
- Install aluminum grating at 733 & 742.
- Start up several equipment items.
- Frakes mobilizes to site on 5/16/11.

GENERAL COMMENTARY:

Work is proceeding on schedule and within budget, and project team members work well together. A very successful cold shutdown of FBI-1 and 5KV power modifications were completed by the team the last week of April.

RFP's Issued: 22 / RFP's Open: 4
WCD's Issued: 10 (2 credits; 8 debits)
RFI's Issued: 77 / RFI's Open: 0 / Subm's: 320

PHOTOS:



Two new 5KV sectionalized enclosures north of two new substations at SHB NE corner.

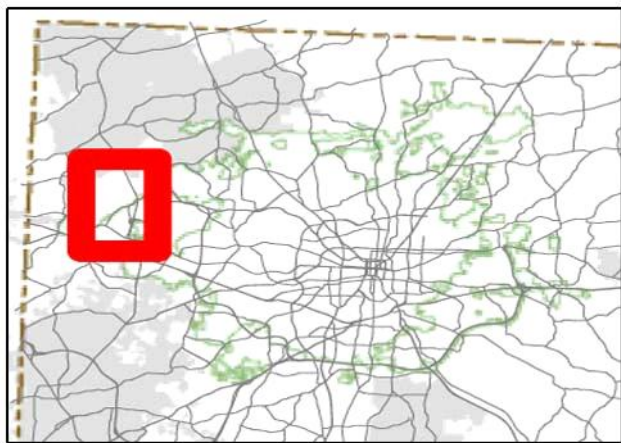


Two new exhaust fans at louver L-9 on west wall at 742 floor.



Three new A/C units on roof for New Electrical Room A/C system.

GTCC NORTHWEST CAMPUS WATER & SEWER IMPROVEMENTS



District:	5 & County
Designer:	Cole Jenest & Stone
Department:	WATER RESOURCES
Dept Contact:	Mike Borchers
Reporting Division:	Engineering
Project Manager:	Joshua Purkett
Construction Start:	August, 2011
Project Completion:	May, 2012
Budget:	\$4,907,931
Estimated Cost:	\$4,907,931
Cost to Date:	\$3,004,251

Project Description

This project extends water and sewer services to the proposed GTCC northwestern campus in a joint partnership between the City of Greensboro and Guilford County which includes water mains, gravity sewer mains, a sewer pump station and sewer force main.

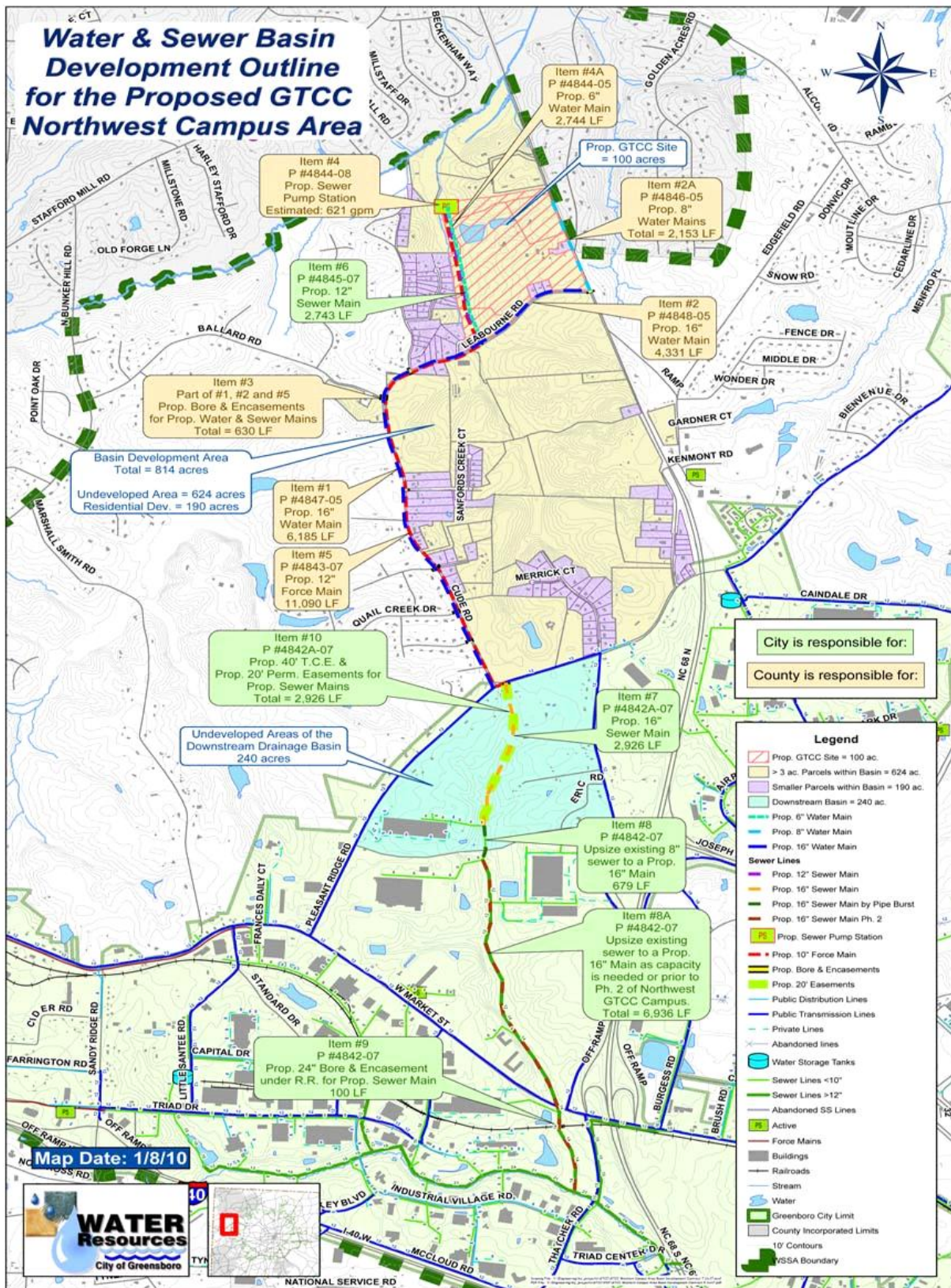
In March 2009 Cole Jenest & Stone was selected to provide engineering design and construction administration services associated with water and sewer service to GTCC's Northwest Campus. The construction plans call for the extension of 15,460 linear feet of water main and 13,265 linear feet of gravity sewer, a new sanitary sewer pump station with an estimated 621 gpm pumping capacity and 11,060 linear feet of sewer force main. At this time the construction plans are 100% complete and all Federal and State permits have been received. Property (easement) acquisition efforts for the water and sewer lines continue.

Bids for the lift station portion of the project was awarded by City Council on 3/15/11 to Ramey, Inc. for \$2,393,281 with 6% M/WBE participation. The notice to proceed date for the lift station was 5/16/11. Current construction activities include construction of the access road and the forcemain from Leabourne Road back to the lifts station. The schedule calls for 300 calendar days to construct the lift station.

The schedule for the remaining utility line work (to support the lift station) is set to advertize on June 19, 2011. The Anticipated Date of Availability is scheduled for August 2011. To meet GTCC's schedule, water and sewer services need to be available to the campus by the third quarter of 2012.

Budget Comments

Funding for this project consists of \$2,825,937 from Guilford County, \$1,083,534 from 503 Water and Sewer Project Fund and \$1,000,000 in Economic Development Funds.



LAKE TOWNSEND DAM REPLACEMENT



District:	3
Designer:	Schnabel Engineering
Department:	WATER RESOURCES
Dept Contact:	Mike Borchers
Reporting Division:	Engineering
Project Manager:	Melinda King
Construction Start:	May, 2009
Project Completion:	December, 2011
Budget:	\$41,006,060
Estimated Cost:	\$41,006,060
Cost to Date:	\$40,889,947

Project Description

REPAIRS TO THE EXISTING SPILLWAY AND INTAKE STRUCTURES

The existing Townsend Dam and spillway were put into service in 1969. The spillway allows passage of flood flows over the dam, and the intake structure pumps water to the Townsend Water Treatment Plant. After extensive investigation, it was determined that a new spillway would be needed due to a reactive agent found in the aggregate used in the concrete during original construction. This has weakened the spillway structure with the existing intake structure suffering from similar deterioration.

A new intake structure has been completed and a new labyrinth spillway is under construction downstream of the existing dam. On March 3, 2009 the construction contract was awarded by City Council to Crowder Construction for the bid amount of \$14,978,291 with 18% M/WBE participation. The Notice to Proceed was given on April 27, 2009.

Current construction activities include south side articulated concrete block (ACB) mat installation, placement of common fill on south side downstream toe and continued placement of shell and core material for north embankment. Activities coming up include forming and installing reinforcing steel on G-1 section walls, continue placement of north side embankment and placement of common fill on the south side ACB mats.

Budget Comments Revenue Bond Funds

Some engineering funded from 511 revenue bond. The remainder of engineering and construction are funded from the 512, 513 and 514 revenue bonds. Cost estimates include intake and dam.

Lake Townsend Dam
Contract No: 2007-030
City of Greensboro Water Resources

Date: 5-9, 2011

Subject: Weekly Project Status

From: Schnabel Engineering

To: Melinda King

PERIOD: 5-1 through 5-7, 2011

CONTRACT SCHEDULE:

Original Contract Time:	840 days
Amended Contract Time:	840 days
Elapsed Contract Time:	740 days
Remaining Contract Time:	100 days
Percent Elapsed:	88.1%

CONTRACT PRICE:

Original Contract Price:	\$14,978,291.00
Amended Contract Price:	\$14,978,291.00
Total Invoiced to Date:	\$ 10,146,320.65
Percent Expended:	67.7%

WORK COMPLETED THIS WEEK:

- Inclinometer/piezometer readings taken.
- Completed south side embankment
- Installed rip rap on Stage 2 Diversion Dike.

WORK IN PROGRESS THIS WEEK:

- Continue foundation excavation for north side embankment dam.
- Started excavation of 2:1 slope on existing dam on north side.
- Started removal of steel plate sheetpiles to existing slab elevation.
- Started removal/demolition of north side upstream concrete wing wall.
- Continued installation of south side electrical ductbank.

WORK PLANNED FOR NEXT WEEK:

- Continue north side foundation excavation
- Complete wing wall demolition
- Start north side embankment placement.

PHOTOS



View of tightening bolts on sheet pile diversion wall.



View of south side embankment completion at south abutment.



View of exposed rock foundation under H-1 slab/footer.

Photo's and captions provided by Schnabel Engineering